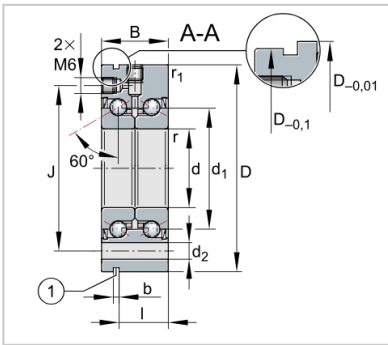


## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLF Axial angular contact ball bearings-ZKLF1255-2RS-PE



Designation	<b>ZKLF1255-2RS-PE</b>
Mass $m = \text{kg}$	0.37
Dimensions	
d -0,005	<b>12</b>
D -0,01	<b>55</b>
B -0,25	<b>25</b>
d1	<b>25</b>
r min.	0.3
r1 min.	0.6
J	42
d2	6.8
b	3
l	17
Pitch $n \times t$	$3 \times 120^\circ$
Mounting dimensions	
Da max.	33
da min.	16
t1	0.1
Fixing screws	DIN EN ISO 4762 10.9
Size	M6
$n \times t_a$	$3 \times 120^\circ$
Basic load ratings axial	
dyn. Ca N	16900
stat. C0a N	24700
Fatigue limit load $Cu$	1090
N	
Limiting speed $nG$	9200
grease min-1	
Thermally safe	3800
operating speed $nP$	
min-1	
Bearing frictional torque	0.16
MR Nm	
Rigidity axial caL N/ $\mu\text{m}$	375
Tilting rigidity ckL	50
Mass moment of inertia	0.068
Mm	
Axial runout $\mu\text{m}$	<b>5</b>
Recommended INA precision locknut	
For radial locking	ZM12
For axial locking	-
Tightening torque MA	8
Nm	
Required locknut force	5307
axial N	